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# AMENDMENT TRANSMITTAL LETTER

Docket No.  
M4065.0290/P290

Application No.  
09/641,519

Filing Date  
August 21, 2000

Examiner  
B. Peugh

Art Unit  
2186

Applicant(s): Kevin J. Ryan

Invention: DRAM WITH HIDDEN REFRESH

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## TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an Amendment in the above-identified application.

Technology Center 2100

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	56	- 54 =	2	x 18.00	36.00
Independent Claims	9	- 5 =	4	x 84.00	336.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>				280.00	0
Other fee (please specify):					0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					372.00

☒ Large Entity

☐ Small Entity

☐ No additional fee is required for this Amendment.

☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

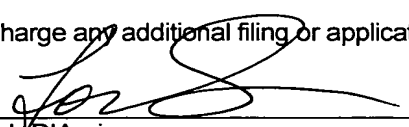
☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

☒ Payment by credit card. Form PTO-2038 is attached.

☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 04-1073  
as described below.

☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

  
Thomas J. D'Amico  
Attorney Reg. No.: 28,371

Dated: December 10, 2002

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5/A  
C. Barnes  
12/13/02

Docket No.: M4065.0290/P290  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Kevin J. Ryan

Application No.: 09/641,519

Group Art Unit: 2186

Filed: August 21, 2000

Examiner: B. Peugh

For: DRAM WITH HIDDEN REFRESH

12/11/2002 SZEWDIE1 00000096 09641519

01 FC:1201  
02 FC:1202

336.00 OP  
36.00 OP

AMENDMENT

Commissioner for Patents  
Washington, DC 20231

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Technology Center 2100

Dear Sir:

In response to the Office Action dated September 10, 2002 (Paper No. 4),  
please amend the above-captioned application as follows:

IN THE CLAIMS:

Cancel claims 2 and 3, without prejudice.

Replace claims 1, 4, 8, 13, 35, 45 and 52 with amended claims 1, 4, 8, 13, 35,

45 and 52 below.

Sub  
ACI  
A

1. (Amended) A method for refreshing memory cells, comprising:

determining that a refresh of said memory cells is required;

determining that a data access command has been applied to a

command/address bus at a first predetermined time slot; and